Spacing Between Adjacent Peaks in the Raw Data
(M13, T's T=6%, 60C, Long Gel)

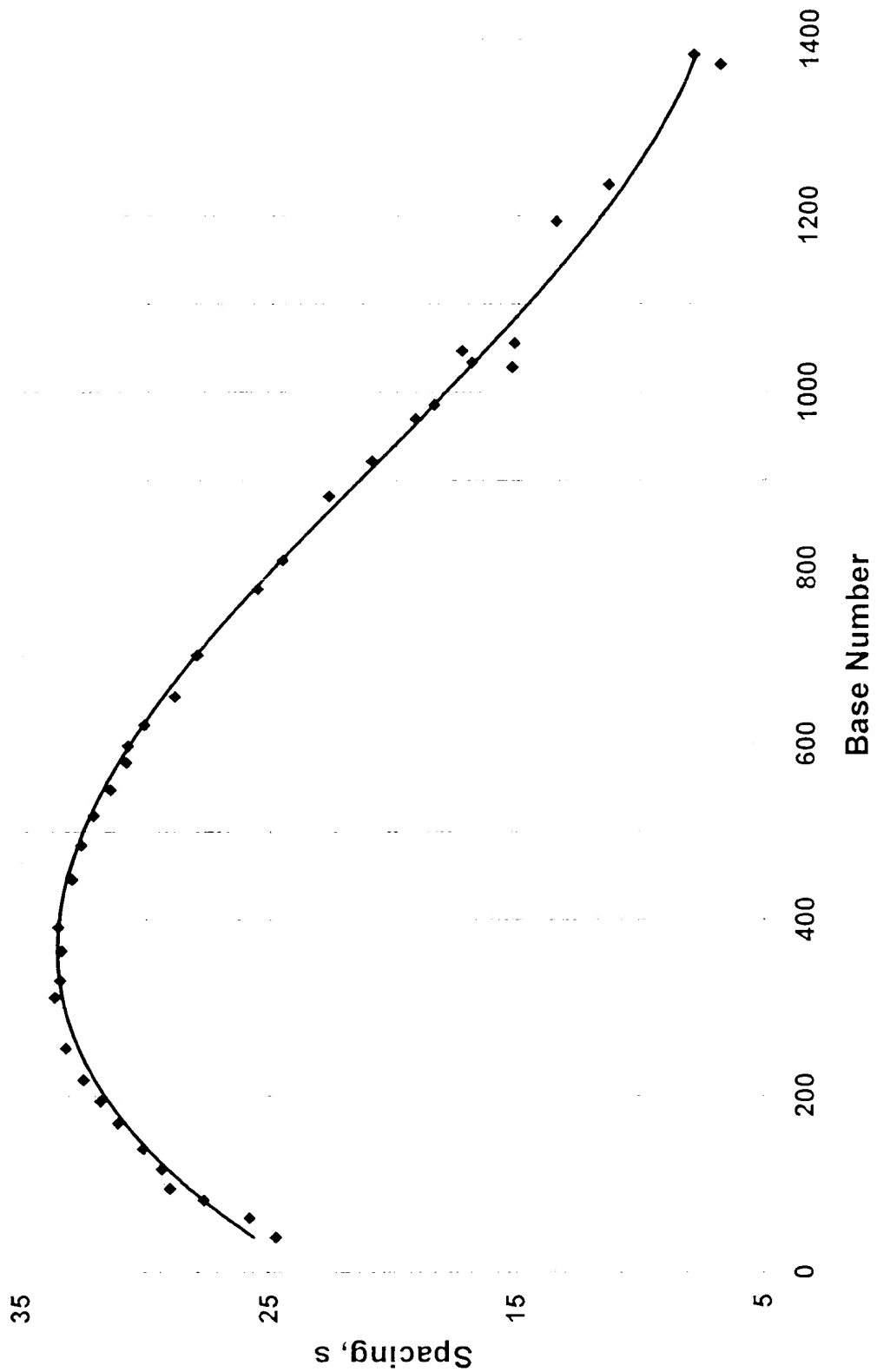Spacing Between Adjacent Bases
(for Different Number of Peaks Used for Alignment of Raw Data)
(M13, Long Gel, 55C, T=6%)

Legend:
- ◆ 3pk
- ■ 5pk
- ◇ 10pk
- △ 20pk
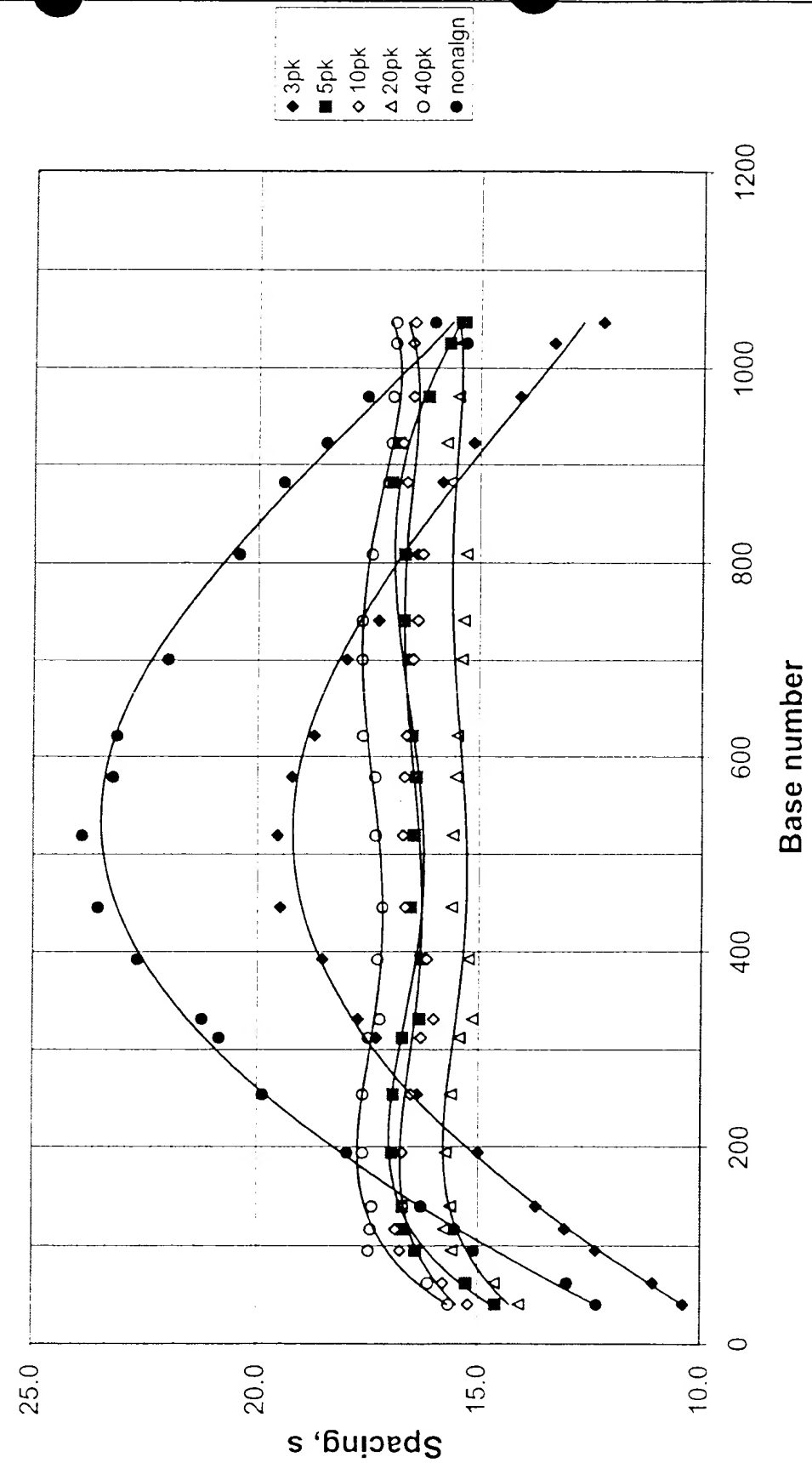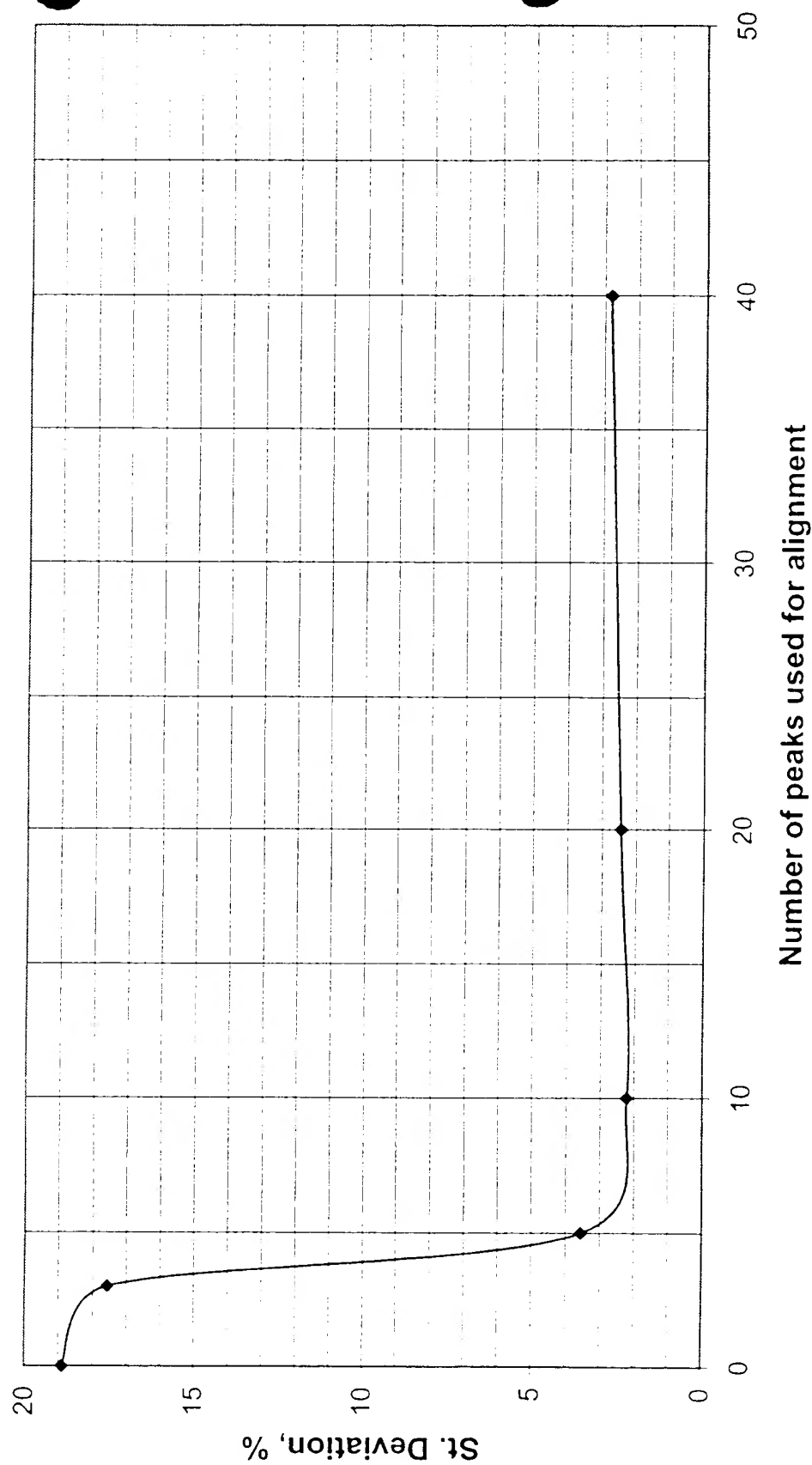- ○ 40pk
- ● nonalgn

Spacing, s

Base number

fig 2

Fig. 3

Standard Deviation (%) of the Spacing Between Adjacent Bases from Average as a Function of Number of Peaks Used as a Reference for Alignment of Raw Data
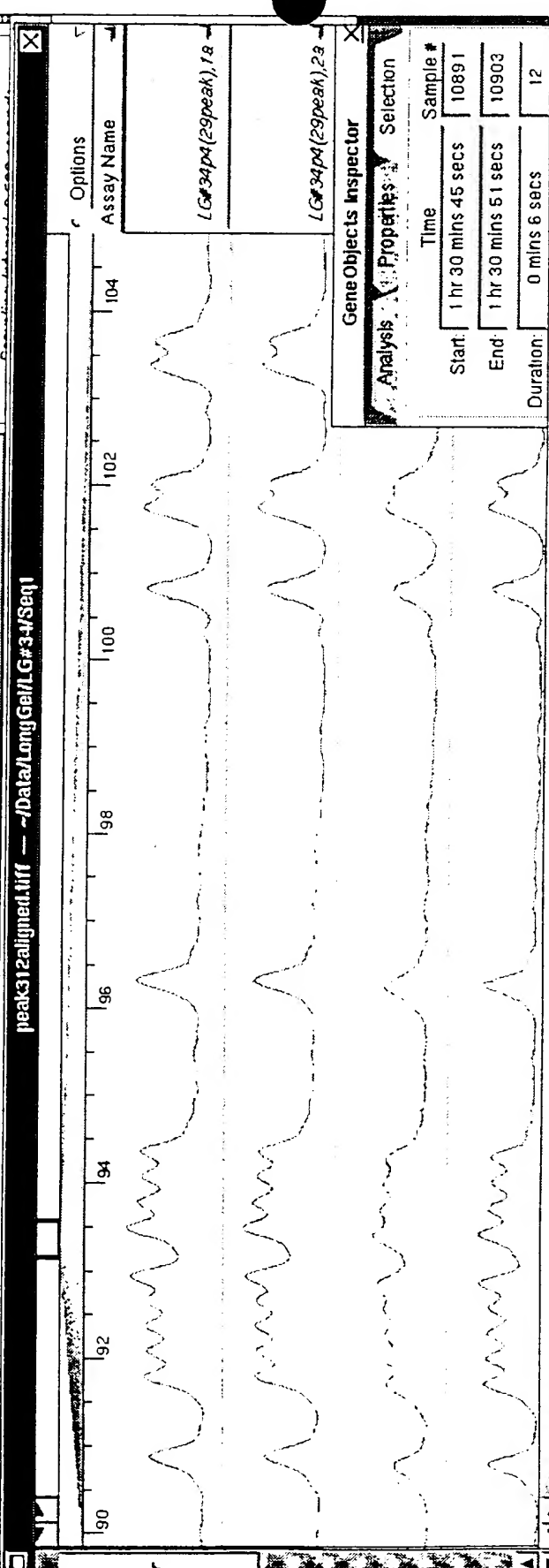

Number of peaks used for alignment

St. Deviation, %

Fig 3

Fig. 4

peak312raw.tiff — ~/Data/LongGel/LG#34/Seq1

Options
Assay Name

LG#34,1a

LG#34,2a

122   120   118   116   114   112   110   108

GeneObjects Inspector

Analysis   Properties   Selection

Time   Sample #

Start: 1 hr 48 mins 43 secs   13046

End: 1 hr 58 mins 13 secs   14186

Duration: 9 mins 30 secs   1140

peak312aligned.tiff — ~/Data/LongGel/LG#34/Seq1

Options
Assay Name

LG#34p4(29peak),1a

LG#34p4(29peak),2a

104   102   100   98   96   94   92   90

GeneObjects Inspector

Analysis   Properties   Selection

Time   Sample #

Start: 1 hr 30 mins 45 secs   10891

End: 1 hr 30 mins 51 secs   10903

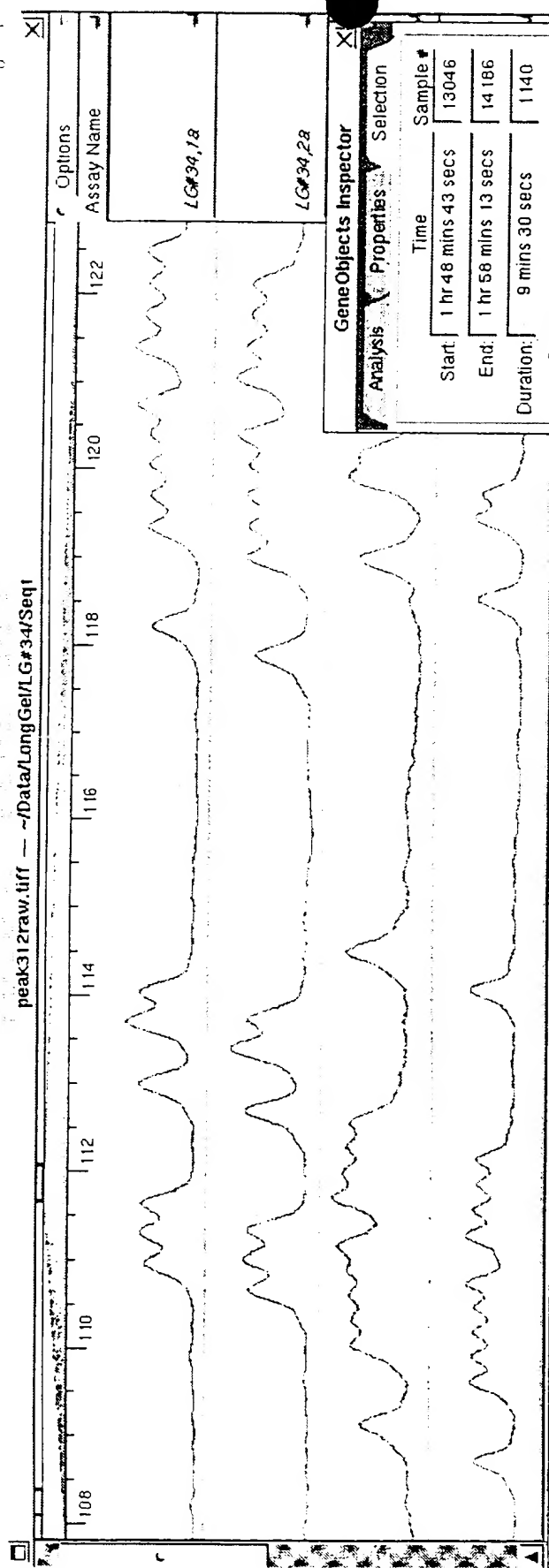Duration: 0 mins 6 secs   12

run

sheet

Preview

Fig 4

Run Time of the BP#1056 in Different Lanes
(after alignment based on 10 peaks)

Figure 6

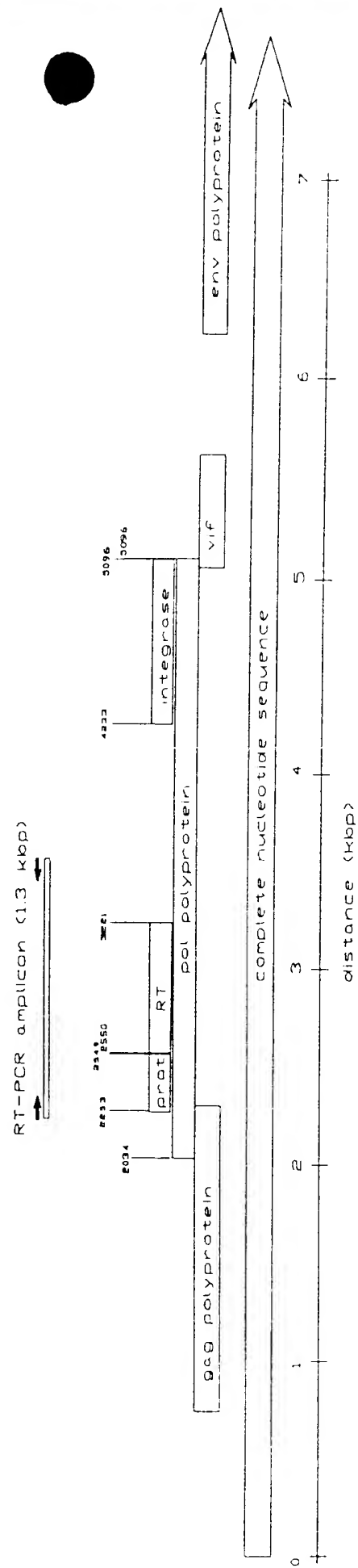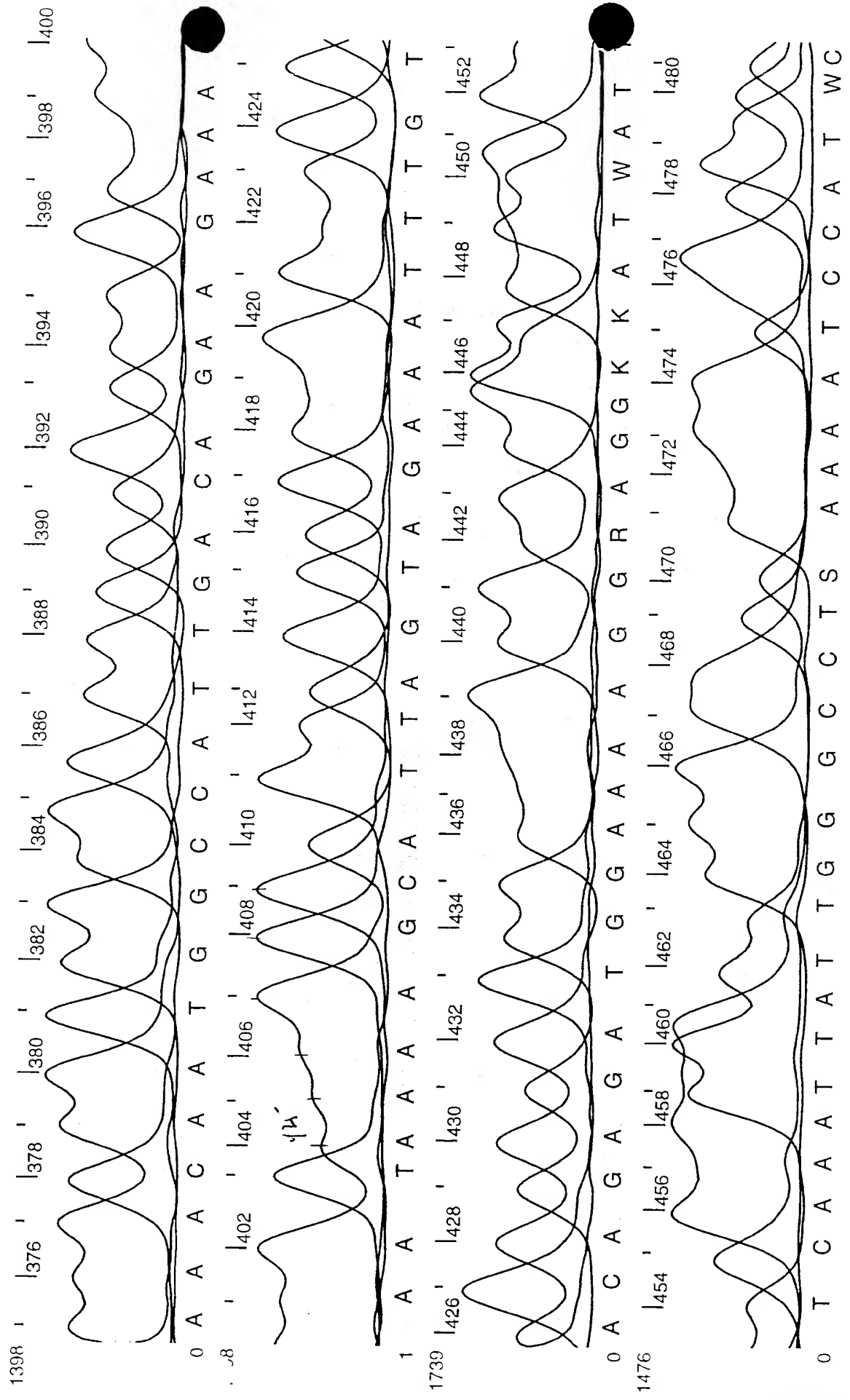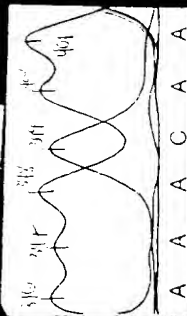Assay Notes: Long CLIP with RT-PCR of RNA lyophilized with Glycine+ NaAc
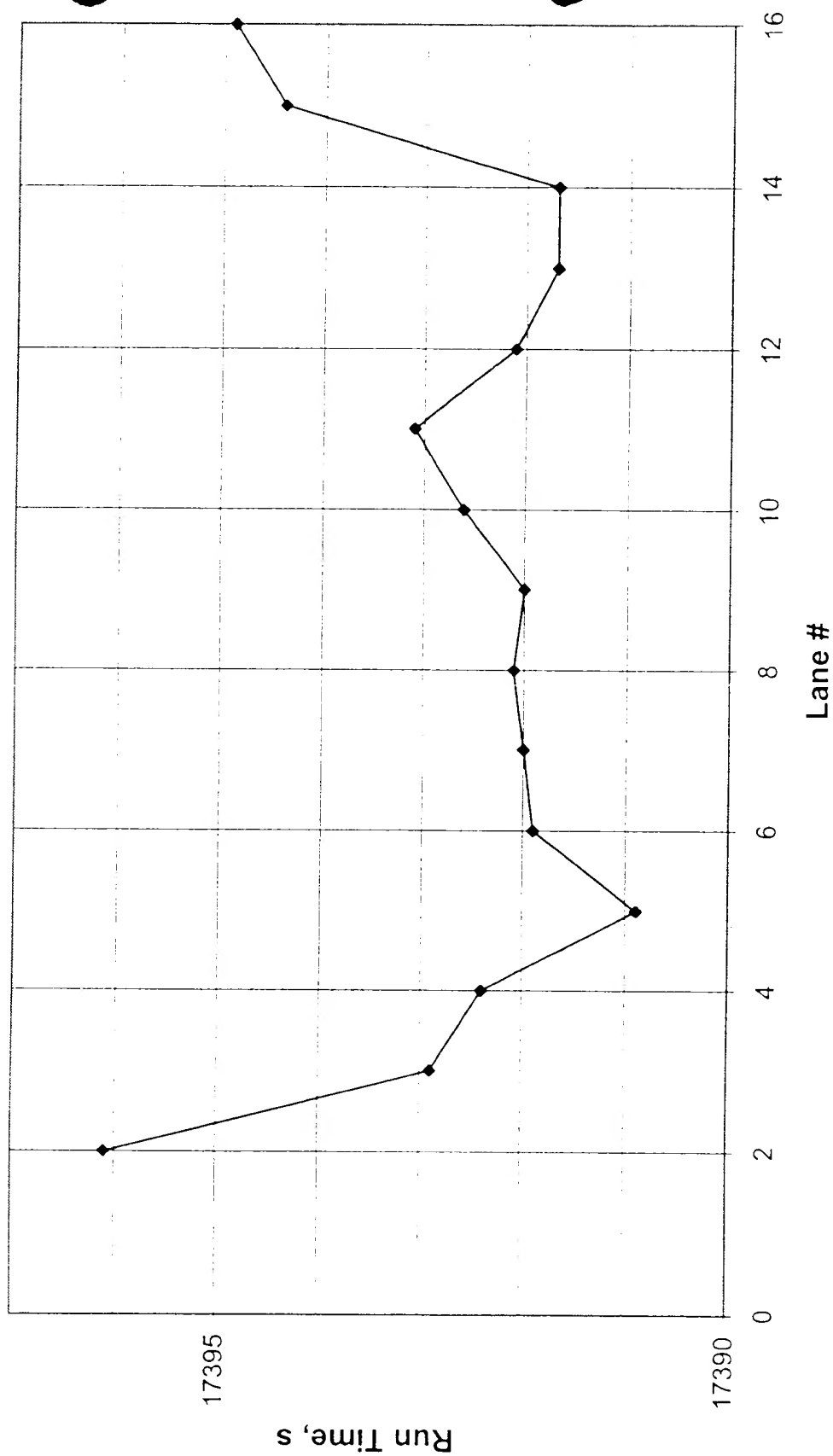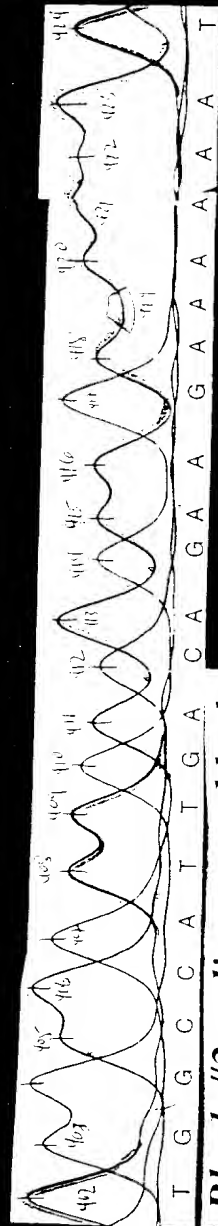
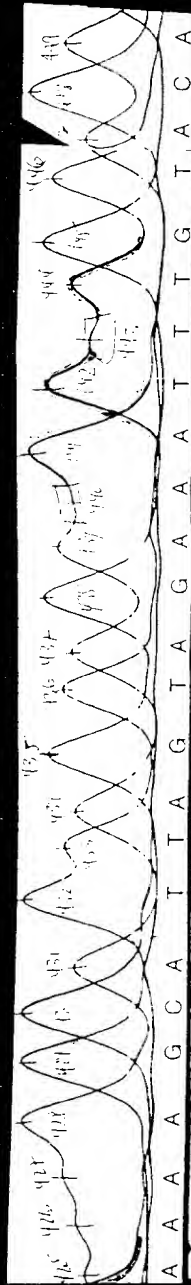Assay Notes. Long CLIP with RT-PCR of RNA lyophilized with Glycine+ NaAc

Block #1 - intervening block
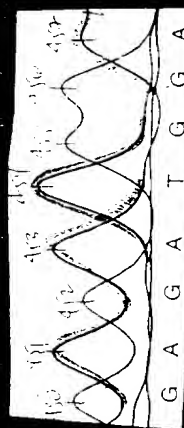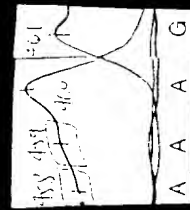
Block #2 - alignment block

Block #3 - intervening block

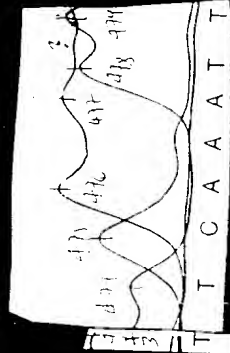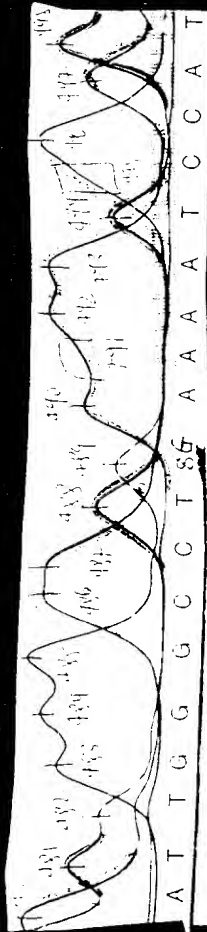*Block #4 - alignment block*

Block #5 - intervening

Block #6 - alignment block

Block #7 - intervening block

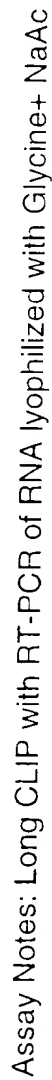*Block #8 - alignment block*

Block #9 - intervening block

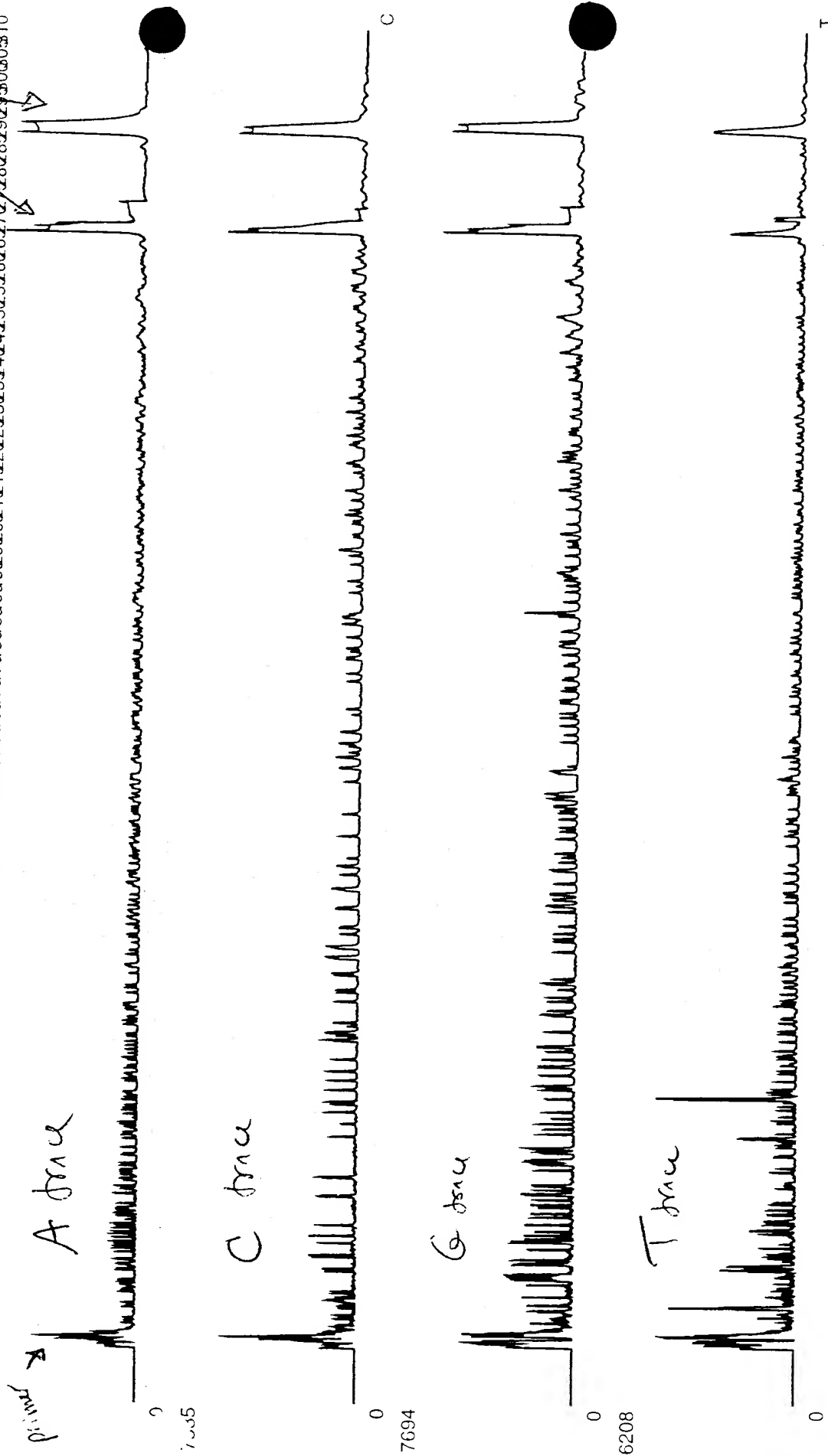Assay Notes: Long CLIP with RT-PCR of RNA lyophilized with Glycine+ NaAc
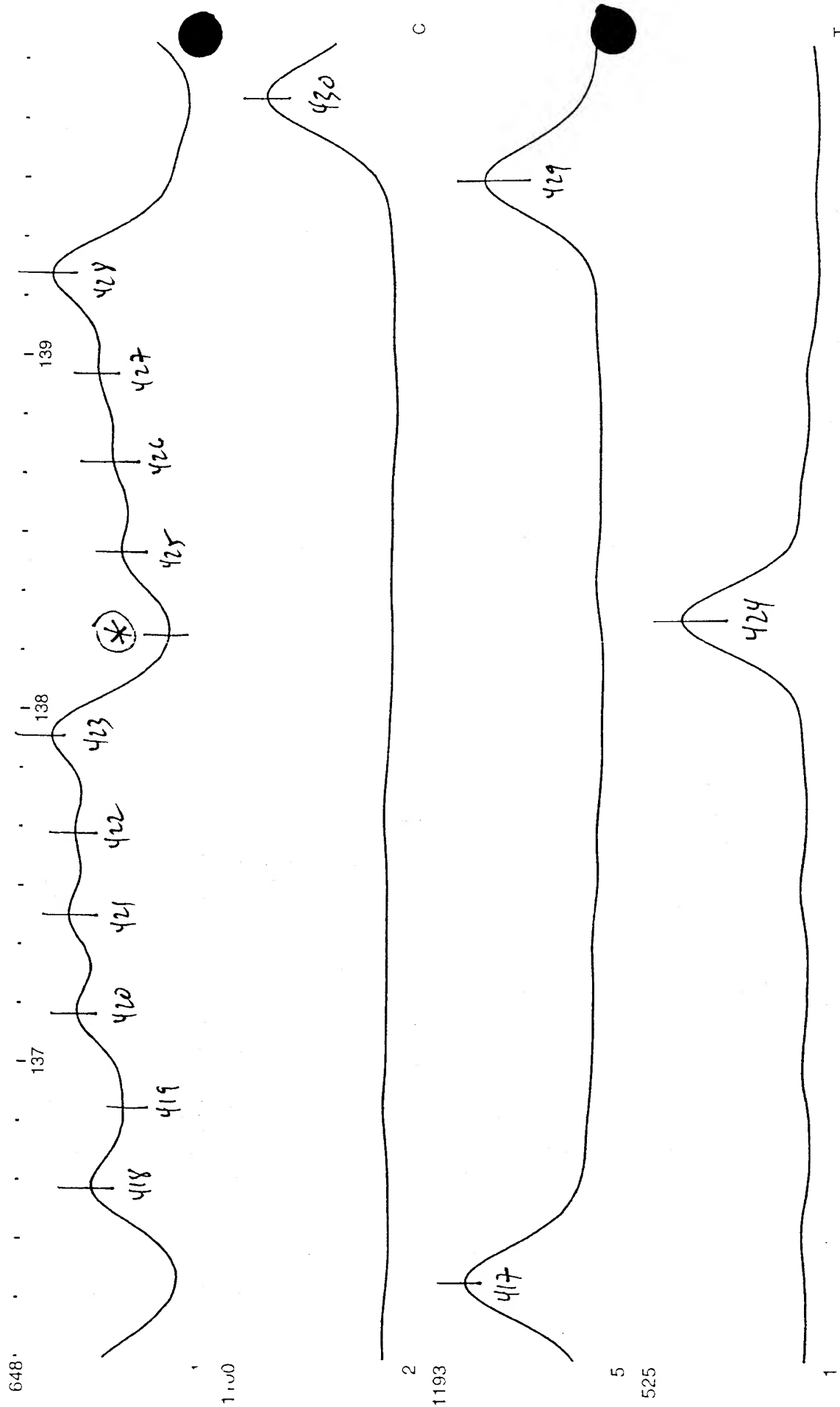
Figure 9A

Figure 9B

Assay Notes: Long CLIP with RT-PCR of RNA lyophilized with Glycine+ NaAc
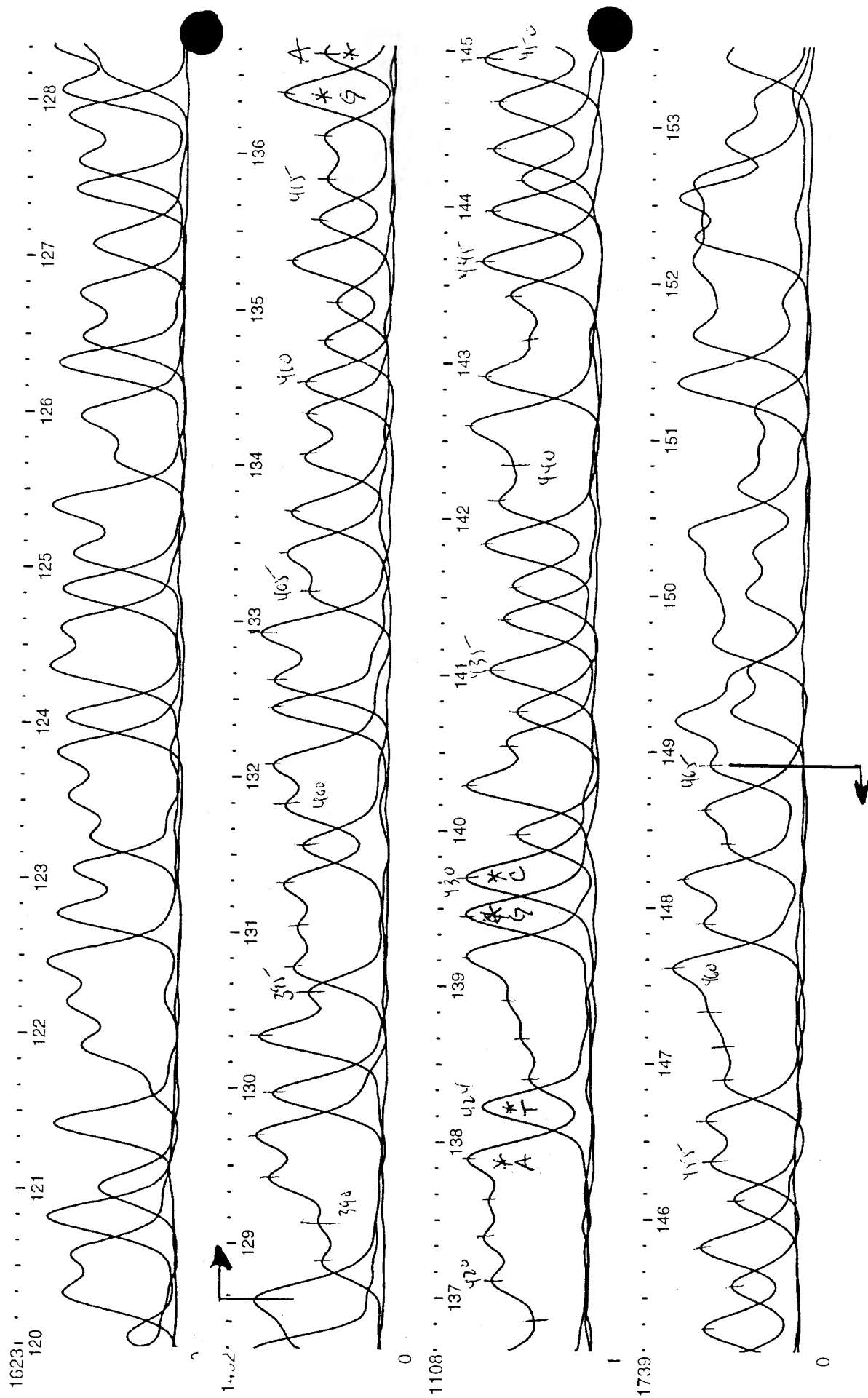
Figure 9c

Deviation of the peak position (in number of bases) from the average as a function of base number in different traces before alignment

Base number, nt

Deviation from the average, nt

Series1
Series2
Series3
Series4
Series5
Series6
Series7
Series8
Series9
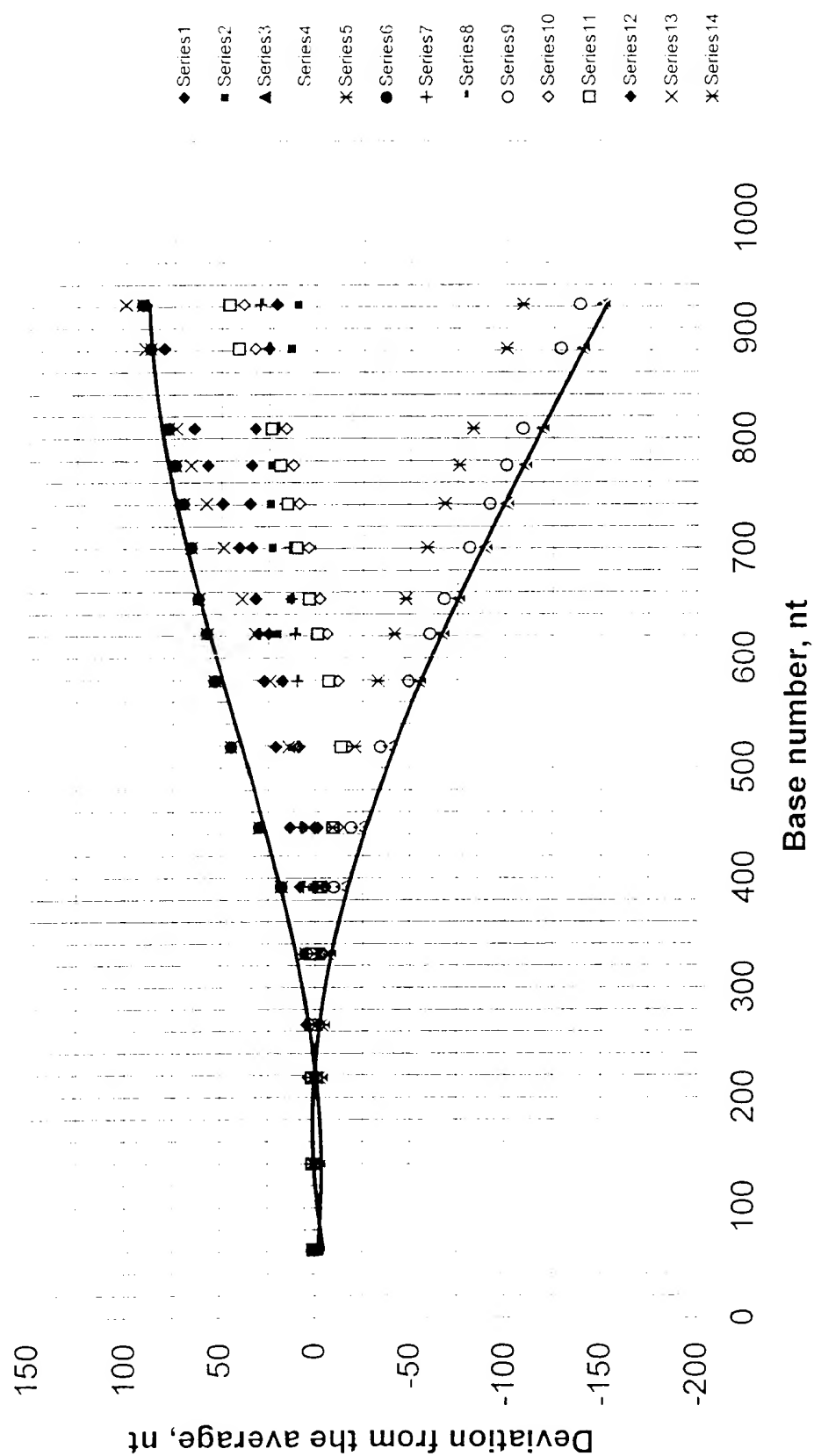Series10
Series11
Series12
Series13
Series14

Figure 10

Deviation of the peak position (in number of bases) from the average as a function of base number in the traces aligned with internal standards

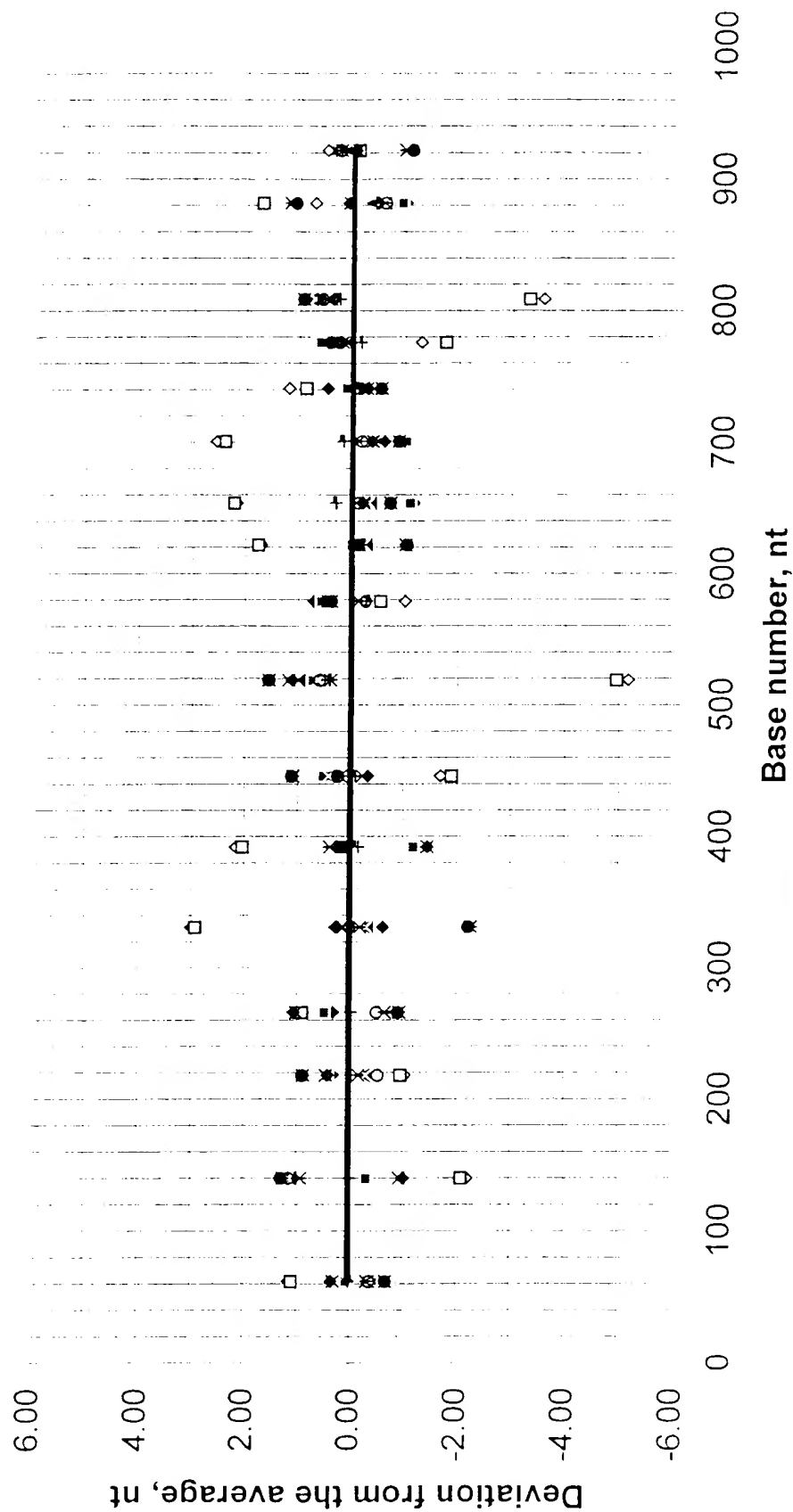(long gel, M13, 5-th degree polynomial) 17 ref. peaks

Figure 11

Deviation of the peak position from the average as a function of base number in the traces aligned with internal standards (long gel, M13, 6 peaks, 5-th degree polynomial)
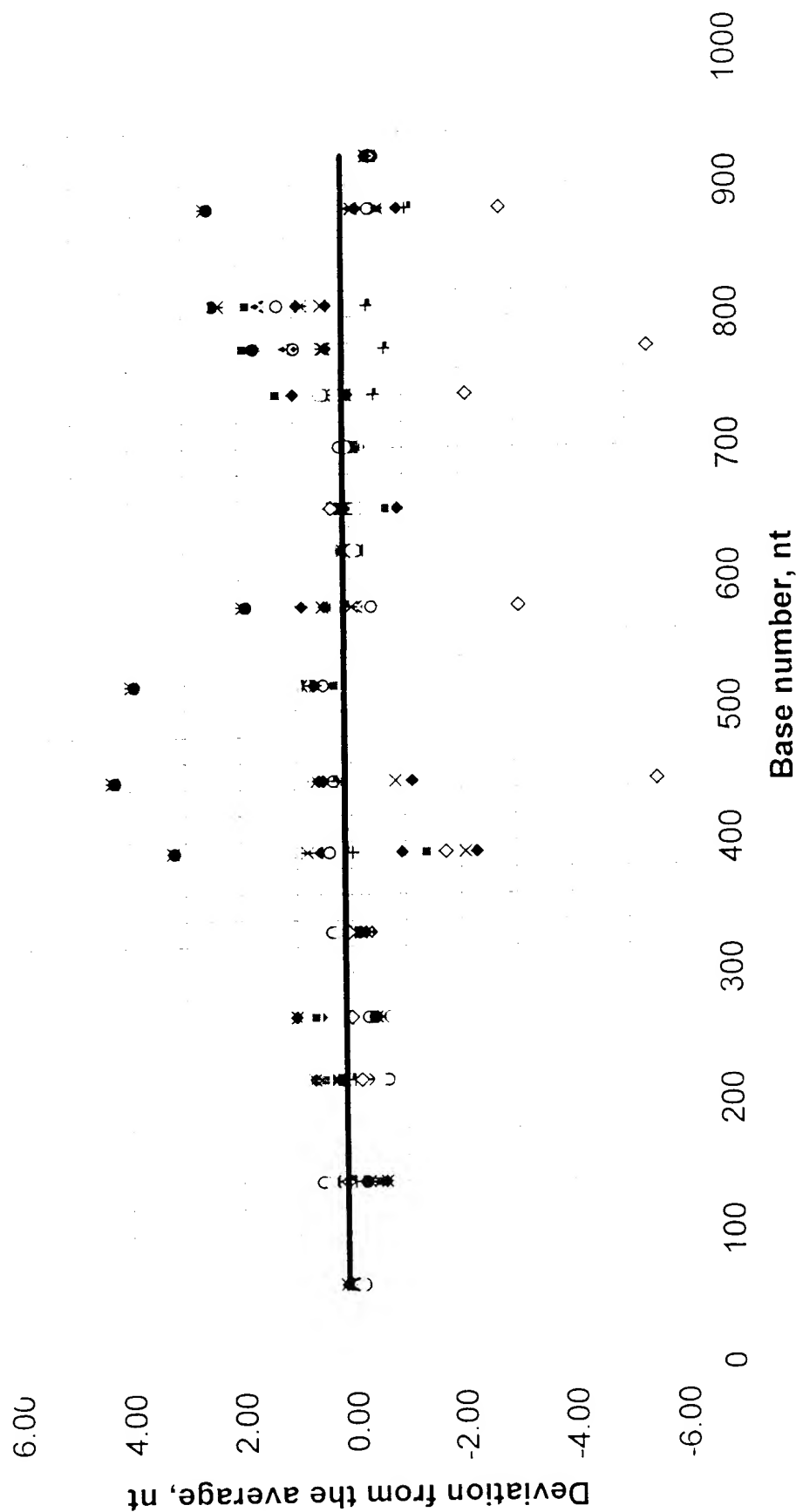
Figure 12